



# symba paediatric hospital bed the revolution in paediatric care



*The game-  
changer is here*

***let it be  
better.***





paediatric hospital bed

# SYMBOA™

Nelson Mandela once said that “each of us ... have a role to play in creating a better world for our children”. Hospitalisation is an uncomfortable experience for both parents and children. It is essential to acknowledge that children are not little adults; they should experience hospitalisation in a manner suited to their complexity and uniqueness. A comforting, friendly, innovative and happier environment in which to recover is paramount.

## Welcome to the revolution in paediatric care!

Symba, developed through extensive technical and market research, is a user-driven product answering the needs of paediatric wards. The design ethos of the bed recognises children as the primary users. Understanding the importance of healthcare equipment design for children is an attitude shared by our launch customer, the Nelson Mandela Children’s Hospital in South Africa.

Symba goes beyond current cot-beds. The bed is a strong and durable product designed for the challenges of paediatric wards. It offers advanced medical positioning capabilities, considered safety and ease-of-use functions and an innovative and unique cotside design for ultimate patient access. Symba has been tailored for its users whilst setting new standards for product life-cycles with a multitude of optional accessories and modular upgrades.



## cotside drop down system

cotsides are controlled using a dual locking spring system:

- allows user to position cotside in **four safety configurations**
- system engages and indicates when the cotside is secure
- **dual locking system** ensures cotsides are properly locked into place
- cotsides can be **lowered quickly** in an emergency situation
- **unique head and foot** cotsides using the same locking system allows access without removing any panels from the bed

## patient visibility

clear cotside panels provide **excellent visibility of patient**

- patients feel less constrained by cot and environment
- **better monitoring** of children
- child can engage with parents, medical professionals and other patients
- nurses can have better views of their patients without thick uprights blocking visibility



## seamless design

rotational moulded main components are:

- easy to clean
- seamless design reduces the chances of lingering infections hiding in crevices
- colour embedded into high quality robust plastic

- fully up** — safety for active children
- lifted** — comfort for smaller children
- recovery** — optimal for immobile children
- access** — ultimate access to patients

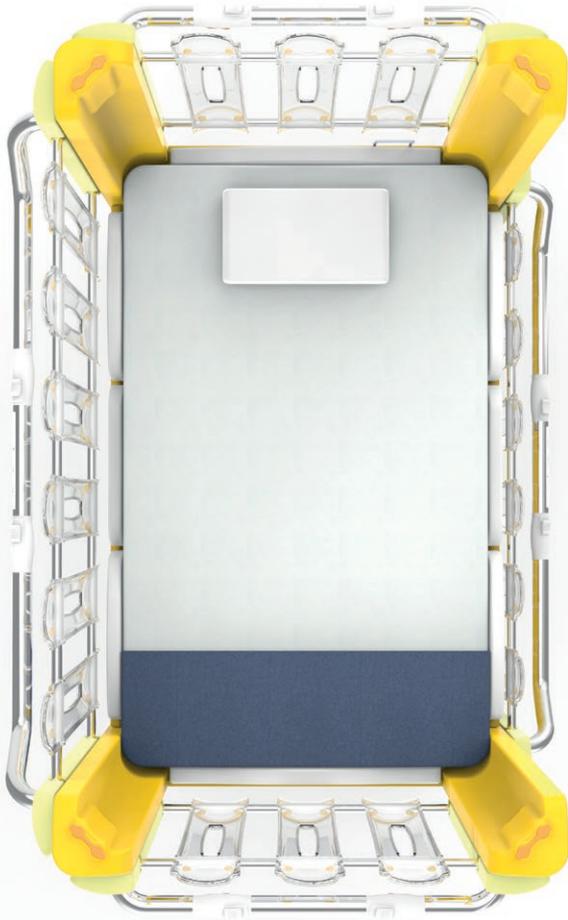


## accessibility and modular configurations

the mattress cradle can be configured into:

- various positions essential for recovery including a **semi-fowlers** and **high fowlers** position
- quick access to change position and adjust the mattress support
- lockable gas springs provide an easy to position yet strong lock on the cradle position
- easy to set up **Trendelenburg** position
- ability to enhance mattress cradle with modular upgrades





## accessories are easily attached

the bed has 4/2 attachment port configuration for:

- vital signs monitor and stand
  - drip stand
  - engaging mobile for children
- with a 4 lower bar configuration for:
- intercostal drains
  - oxygen tank holders
  - hanging urine bags

this means the bed reduces valuable nursing resources to move patients and becomes a holistic solution to everyday problems faced with mobility and ease of use

## mobility

kick stop medical grade casters:

- swivel casters mean a smooth and comfortable journey
- individually lockable total and directional lock casters for ultimate control
- easy to manoeuvre

## colour range

bright colours bring life to hospital rooms. Special colour combinations can be ordered on request (minimum order quantity required)



## dimensions

length:	1720mm
height:	1675mm
width:	1150

## typical information

mattress maximum dimensions:	1315mm x 800mm
mattress maximum height	100mm
mattress recommended height:	75mm
cradle dimensions	1400mm x 870mm
head section inclination (type):	manual - gas spring assisted
head section inclination (range):	0° - 65°
foot section inclination (type):	manual - gas spring assisted
foot section inclination (range):	0° - 20°
Trendelenburg movement:	0° - 8° (reverse Trendelenburg possible through bed rotation)
cotside height above mattress cradle:	800mm (DIN 32623:2009-11)
cotside height above 75mm mattress:	725mm
safe working load:	90kg
caster diameter: mm	125mm

## compliance and safety

CE marked according to EU medical devices  
directive 93/42/EEC MDD & compliance with:

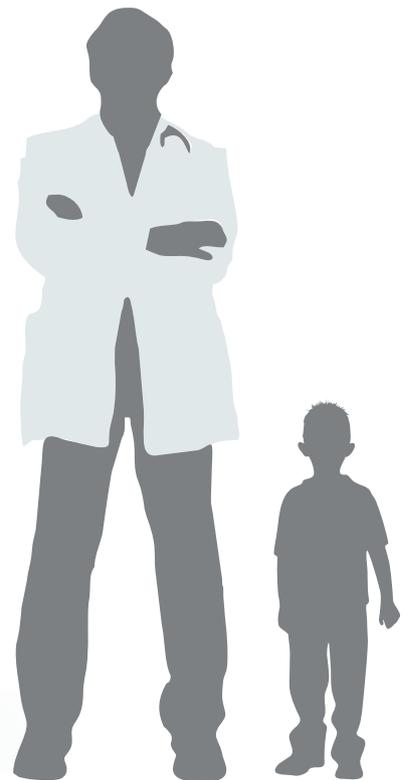
EN ISO 14971:2012 (Application of risk management to medical devices)

EN 62366:2015 (Application of usability engineering to medical devices)

DIN 32623:2009-11 (Hospital children's cots made from metal and plastic)

Ready for compliance with Draft OVE EN 50637 (Medical electrical equipment –

Particular requirements for the basic safety and essential performance of  
medical beds for children)





## Contact

[info@praestet.com](mailto:info@praestet.com)  
[+27 \(0\) 87 238 2787](tel:+270872382787)  
[www.praestet.com](http://www.praestet.com)

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South Africa